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ABSTRACT

The invention is a process and system for controlling selection of which MS is to receive the next packet data transmission on a forward channel and selection of which plural MCS is to be used for the packet data transmissions on the forward channel. A process for controlling selection of MCS method to be used by a BTS (10) to transmit data packets over a forward shared channel to a MS (12) in accordance with the invention stores information at the base transceiver station, the information containing MCS methods which may be selected to transmit data packets over the forward shared channel to the MS; receiving from the MS at the BTS a quality indication of transmission of data packets over the forward channel to the BTS; and selecting a MCS method from a plurality of MCS methods which may be used to transmit data packets on the forward channel dependent upon the received quality indication.

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